Reference to last Measurement
8

1st & Final

M. A. R. 57 (Rule 116)

Measurement Book **No. B**

Serial No. ..... Providing lighting system to Veleyarabalaga Park 512312

Name of Work 182 ward no 12. From..... To.....

Name of Contractor of nature of Agency ..M/s KRIDL Technical manager -2 (BBMP)

Date of commencement of work EE/86/DZ/WO/19/16-17 Date-3/3/2017

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Fabricating supplying cal section & swaged tubular pole of height 3.5mts having three sections and providing two coats of Redoxide						
	For Detailed specs Ref Page no. 512301.	20	Nos	4770/-	-6-		95400/-
2)	supplying four mtr length of post top lantern metal fabricated suitable for pole mounted with fully vermin proof & dust proof elegant.						
	For Detailed spec Ref page no 512302.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Fixing charges of post top/ Gate/ Bracket fitting on the existing CI/ GI Canopy after RDE using required size of feeder wiring chg suitable curves.						
			20	Nos	Each	-/-	2900/-
4)	Supplying & laying LT XLPE Cable having Al Conductor UnArmoured, Extruded Inner sheated GI, Steel strip Sheath 2 Core 95 sqmm are armoured conforming to IS 3975:1990 (Nos & strip evolization (GTP) & Extruded PVC outer sheathed armoured cable (with Aluminium (IS-1572 Part-1 1988 & conforming to GTP specs.						

Serial No
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M. A. R. 57 (Rule 116)
Measurement Book

No. B

512313

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	A) 4 core 16 sqmm		458	mtg	140-40	Phg	64303-20 8280
	5) 3.5 core 25 sqmm		50	mtg	165-60	Phg	4946-40
5)	Labour charge for laying 1.1kV class UG cable when supplied by agency in cutting trench on RCC/stoneware pipe on wall/on pole as required in cutting trench/duct						
	a) 6 sqmm to 16 sqmm		458	mtg	10.8	Phg	4946-4.
	2) 25 sqmm to 75 sqmm		50	mtg	16-20	Phg	810/-

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Digging of trench of ordinary depth of soft rock and refilling the trench to the required ground level and consolidating it complete. (AS per and SR item no 2, P-7)						
	b) in soil (ordinary)		540	mtr	75	PWD	127440
7)	Laying for lighting (power) coaching one way PVC insulated (heavy grade, multi) and copper conductor 4 sq mm cable in concealed system and wiring						
	1 phase 2 wire 240 volt-5 sq mm		170	mtr	18.00	PWD	3060
8)	Supply and fixing 4 pole power contactor with NO/NC contacts complete						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

512314

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wood/Particleboard chg recessg batt, rwt. cratg cd wirg &c complete with Accessg rating upto IS 13947.						
	d/100-125A.		2	Nos	9915/-	-/5.	19830/-
9/	Supplyg fixg meg's on Structl DB's chg necessary bndrg materlg cd wirg cd 'C' type curve. Indicator ON/OFF Energy Cct-3 with Start cdet breakg capty 9kA cd complete as regrd Confrmg to						

Reference to last Measurement 8

744/-

62/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	FEC 60848(-S-324 DP.						
	D grp'A'		&	nos	8	Nos	6792/-
10)	Fabricating supplying cd mounting						
	MS box mode out-- suby suitable for						
	roof/wall mounting. suby weath proof						
	with DA Detail Rec kit Pages 512304						
	a) 14 sqm		20000	Sqm	0.37	D Sqm	7400/-
11)	supplig tined copper wgs and coring						
	cd wing to terminal Dant typ wing						
	g to bolting wgs.						
	a) 1.5 sqmm		CC	nos	21	Nos	80/-

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	6) 16 sqm
	7) 25 sqm
12)	supply
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	wings
13)	supply
	fabricate
	with ba

M. A. R. 57 (Rule 116)
Measurement Book

No. B

512315

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) 1659mm		95	NY	11.31	R	1074.45-1-
	7) 2589mm		20	NY	2059	-E-	411-80
	12) Supplig cd trwg micro Precast- based						
	Retroreflective Strip Patch with						
	Hilasay bolts, nuts cd washers.						
			2	NY	4580/-	E	9172/-
	13) Supplig cd trwg cgls 15cm frame with						
	fabricated out g m.s. angle iron cd MS Wet.						
	with bolts, washers & cd painted with 2 coats						

Reference to last Measurement
8

3792/-

7400/-

80/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Grad circuit-end approved point.	Item two coats of					
	of CC×CC×6 RM		10	Mtr	263/-	-6-	2630/-
14	Supply of Brass & porcelain tube channel with cutout on Steel Cross Board fixed complete with necessary nuts, bolts washers etc complete. (OA		6	No	360/-	-6-	2160/-
15	Supply brass, Earth electrode for grounding complete D.C. cutout and for Detailed Estimate Ref Para No 5/2306.	1	NO	2727		-6-	2727/-

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 512316

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Supplying and laying 1.1kV class AL cable from DP ready suitable for 1.1kV class UG cable filled with necessary bituminous compound complete with terminals, clips, bolts, nuts and washers etc.						
	b) 2.5 sqmm		2	Nos	30ft - 0		F24/—
(7)	Supply and laying 1.1kV class AC medium duty cable. 3 core 3.25mm Dia/round aluminium conductor 1.1kV class UG cable		10	Mtr	34ft	Phase	345/—

Reference to last measurement 8

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	Fabricating supplying and erecting swaged tubular Gate of height... mtr having size reducing and of 9 nr. (5 nr @ 1165.1 mm dia 4.8 mm thick 2 nr @ 1139.7 mm dia @ 5 mm thick 2 nr @ 1143 mm dia 3.6 mm thick) CRPI 4108P32	2	nos	15000/-		30000/-	
19)	LED flood light supplying of LED flood light with... W system power consumption including all testing with Bandra for Detailed Rly Ref Page No. 5123088 9.	4	nos	14646 -5.		58584/-	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 512317

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
20/	Supplying -- Any rated 3 Phase Cruty Neutral bus bar chng required capacity Electrolytic all steel covered with heat shrinkable coloured PVC sleeves. mounted on Steel(FRP) cetal cubicle metal frame work in Switching Panel board the bus bar shall have suitable holes for termination of incoming and outgoing cables as per sketch						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with necessary bends, nuts, washers etc complete. Total	4x30x6	1	1 mtr	1600 Rmt		1600/-
					Total Qty		503660/85
	Add Extra Charges 9%				45329 Qty		45833/14
					Total Qty		549493-99
	Certified that the work has been carried out by me and the measurements are correct.						548989

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116)
Measurement Book

No. B

512318

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT	10980 =
						KST	21960 =
						LWC	5490 =
						CBF	549 =
						FSD	27450 =
						TD	66429 2

Audited and admitted for Rs. 548989/-

Passed by Cheque for Rs. 482560/-

Four Lakh Eighty Two thousand five hundred And sixty Rupees only

by adjustment Rs. 66429/-

Accounts Superintendent

Exe. Engineer (Elo)

B.B.M.P. Dasarahalli Division